REMARKS

foregoing and reexamination Entry of the and reconsideration of the above-identified application, as amended, pursuant to and consistent with 37 C.F.R. § 1.112 respectfully requested. Claims 22, 25-27, 30-33, 83, 86, 91, 93, 94, and 105 were pending, were rejected and remain pending. None have been amended. New claims 106-110 have been added. Support for these claims can be found in the existing These amendments refer to an effervescent agent and claims. amend the amount of same needed to about 30-80% w/w. Drafts of these claims were discussed at the interview.

The undersigned and Mr. Cohen would like to thank Examiner and her Supervisor for the courtesies extended by them during an interview in the Supervisor's office on May 8, 2008. At that interview, the undersigned, Mr. Cohen and the Examiners discussed the Examiner's positions with regard to the pending claims for further clarification prior to filing this response. No agreement was reached.

The Examiners argued that, despite the characterizations in the previous office action, a rejection which focuses primarily on Wehling as the principle reference was perhaps, in their opinion, the strongest rejection and that Wehling was combinable with McCarty. The remaining references were considered of lesser import.

The Interview

At the interview, the Supervisory Patent Examiner (SPE) expressed some views not expressed in the last official action per se. Simply put, the SPE advocated that a rejection starting with Wehling was the Patent Office's strongest position and that the Patent Office may ignore any functional language or recited objectives in the claims as relating only to an intended purpose. Paraphrasing, in the SPE's view, "a pill is a pill is a pill." Wehling is a pill and, like the claimed invention,

contains an effervescent agent. The Patent Office acknowledged that Wehling does not teach a separate pH adjusting substance, but argued that it does allow for an excess of effervescent agent which could effect pH. Wehling teaches the use of noneffervescent disintegrants and, while Wehling also does teach fentanyl, the Patent Office noted that it does teach analgesics. And what was missing, according to the Examiner and could be found in the other cited art. significant condensation of the conversation at the interview and the SPE or Examiner should feel free to supplement or correct it --- however, the undersigned believes that this is an accurate summary of the conversation.

To be clear, Applicants do not agree with this position. Applicants do not agree that all of the recitations in the claims are merely functional or related only to intended use and that, in all events, functional or intended use language is not entitled to weight. And as will be demonstrated herein, the case law supports Applicants. Moreover, the Patent Office has itself relied upon the intended use recited in proposing to combine it with Wehling for the former's teachings of buccal administration and fentanyl. The Patent Office's own actions undercut its argument. Finally, Applicants believe that it is legally correct or technically accurate to equate, as the Patent Office has done, the possibility of excess effervescent agent to a claim requirement of a pH adjusting substance. Nor do Applicants agree that one is free to ignore the requirement of the claims that there be not only enough effervescent agent present to facilitate disintegration, but also to facilitate transmucosal administration.

Functional Recitations and Intended Uses

Start with a balanced application οf the SPG's premise — if Applicants cannot resort to functional language or language relating to the use of the tablet in distinguishing

over the art, then the Patent Office should be similarly restricted. Thus, for example, the Patent Office could not look to McCarty for a teaching of a buccal tablet. And the problems with the Patent Office's theory only start there. Why, based on Wehling, would one look to deliver fentanyl? Although fentanyl was a known analgesic, why would Wehling look to deliver, of all analgesics, fentanyl?

A review of the electronic version of the "Orange Book" available at www.usfda.gov on May 16, 2008 showed no traditional oral delivery of fentanyl. There were two oral transmucosal CIMA. (both from Cephalon — the assignee, products division of Cephalon) and the rest were either transdermal or This real-world information suggests injectable. swallowable tablet of fentanyl might not be practical. be the result of a first pass metabolism issue: an issue with T_{max} — people in the type of pain that fentanyl is indicated for generally cannot wait around for relief to kick in; or it might be that fentanyl is poorly absorbed from this delivery route. In any event, this review of approved commercial products points to a significant problem with the "a pill is a pill is a pill" approach - some actives may not work, or work well enough, in all types of administration platforms. This issue is further penetrated by the fact that Streisand 1995 and McCarty (the secondary or dictionary references) both teach fentanyl delivery only by a buccal route. Based on this information and these references, why would one suppose that fentanyl could or should be administered by being swallowed, as in the method and tablets taught by Wehling?

Consider further, an ALKA-SELTZER tablet. This product has been around for many, many years and is clearly prior art to the application — and to Wehling, for that ALKA-SELTZER tablets are generally too big to be placed in the There is so much effervescent reaction that it would be difficult, and likely painful, to keep such a tablet in ones mouth while it dissolves/disintegrates. And, while, Wehling, the active contained within it is intended to be swallowed, in the case of ALKA-SELTZER, this is only bearable The tablet itself is after it has been dissolved in water. clearly not intended to be placed directly in the mouth. putting aside the very issues in question here, it is a pill and in the view of the Office "a pill is a pill is a pill."

Indeed, without consideration of the intended use ordelivery method for a pill, its ingredients — considered in that context, and the active to be administered, no effervescent tablets should have been patentable, including Wehling, after And even ALKA-SELTZER would not be patentable ALKA-SELTZER. since effervescent dosage forms were known long before that. See GB 0003160, which issued in October 1872!

In the undersigned's experience, the patent rules and laws often very practical and it is for the very reasons discussed above that a blanket proposition that anything which could be considered functional or relating to intended use can be ignored is not the law. M.P.E.P. § 2173.05(g) notes that a functional limitation is an attempt to define something by what it does, rather than what it is. Applicants submit that that is not an accurate characterization of every one of the limitations ignored by the Patent Office. As to others, the same section of the M.P.E.P. goes on to note that "[t]here is nothing inherently wrong with defining some part of an invention in functional terms."

And the United States Court of Appeals for the Federal Circuit agrees. In Union Oil Co. v. Atlantic Richfield Co., 54 U.S.P.Q.2d 1227, 1231 (Fed. Cir. 2000), the court affirmed a lower court's interpretation of a claim which contained the phrase "[a]n unleaded gasoline suitable for combustion in an automotive engine" was a composition, and not a method. (emphasis added). Furthermore, the "district court correctly excluded from claim scope a broader class οf petroleum

formulations such as aviation fuels or racing fuels." Id. district court read each claim in light of the specification, and concluded that the claims cover 'fuels that will regularly used in autos, not that conceivably could be.'" Thus functional language cannot be (emphasis in original). The "suitable for" ignored and can limit the scope of a claim. language accepted and properly interpreted by the Circuit is found in the instant claims, but has been improperly discounted by the Office.

And finally, as briefly mentioned previously in regard to the official action, the Patent Office itself looked to combine McCarty as a secondary reference with Wehling for the former's fentanyl and its intended use of teaching of Accordingly, and with all due respect, administration. practicality, the law, and the rejection all suggest that the Patent Office's argument is not sustainable. Applicants submit that these types of limitations must important to the patentability of considered and are invention.

Wehling in View of McCarty

Despite the fact that the last office action started with a rejection based on McCarty in view of Wehling, in view of the SPE's opinion on the relative merits of the rejections expressed at the interview, Applicants will first address the rejection of Wehling in view of McCarty.

Wehling is not just directed to a tablet intended to be swallowed, but indeed, it is a reference which all but precludes buccal administration. The entire teaching of Wehling is the creation of a tablet which will disintegrate rapidly in the mouth in a way which prevents the patient from tasting the objectionable tasting active ingredient within. It provides not only effervescent agents but non-effervescent disintegrants to ensure that the tablet destroys itself quickly so that it can be

swallowed, even without water. It teaches that the effervescent organoleptic helps provide a pleasant agent furthering taste masking, and generates saliva to and swallowing. Ιt even teaches the use οf coatings microparticles in preferred embodiments — structures to further All of this tablet design prevent in-mouth exposure. structure is put to but one end — reducing the amount of time that an active dwells in the mouth so that it is not tasted.

Manifestly, Wehling does not teach a buccal or other type administration would of transmucosal tablet. Buccal antithetical. It also does not teach fentanyl. This is possibly no surprise as fentanyl does not appear to desirable active for a swallowed dosage form based, inter alia, on the commercial incarnates of fentanyl-containing dosage forms and the fact that both Streisand 1995 and McCarty address fentanyl delivery only in terms of transmucosal administration.

But these are not the only deficiencies between Wehling and the claims. Wehling also does not teach a pH adjusting substance. While the Patent Office has pointed out that Wehling teaches the possible use of an excess of an effervescent agent, Wehling teaches that an that is in no measure the same thing. excess of acid or base may be present to assist in enhancing taste masking and/or performance, both of which, in the context of the specification and claims of Wehling, mean its ability to rapidly disintegrate and taste mask. It does not teach the need or desirability of selecting a particular material such that it the dissolution and absorption rate of influence a particular active via an oral mucosal surface.

And, while Wehling does teach the use of an effervescent it just as clearly does so only in the context of disintegration and taste masking. Indeed, in the Disclosure of Invention section, Wehling states: "The effervescent disintegration agent is present in an amount effective to aid in disintegration of the tablet, as to provide a distinct sensation

of effervescence when the tablet is placed in the mouth of a patient." (WO 91/04757, at 4 11.4-8.) Nowhere in Wehling is there a recognition of the need to use not only in addition, disintegration, but, enough effervescent for effervescent material to aid in transmucosal delivery - again no surprise given the objective of Wehling. And this is not a functional recitation, it is a statement of the amount of an ingredient needed.

Thus, there is no shortage of things that Wehling does not have or teach when compared to the claimed invention. those numerous gaps, the Patent Office turns to McCarty which teaches both fentanyl and buccal delivery. But are references properly combinable? Applicants are of the opinion that the answer is no.

Even after KSR International Co. v. Teleflex Inc., 127 S. Ct. 1727 (2007), there must be objective reasons why and how references are combinable. And references be only their teachings that considered for not support combination, but all of their teachings, including those which would counsel away from that combination. (See M.P.E.P. § 2141.02 and W.L. CORE & ASSOC., Inc. v. Garlock, Inc., 721 F.2d 1540, Cir. 1983) ("the district court in . . . disregarding disclosures in the references that diverge from and teach away from the invention at hand.")

Why would Wehling, or more correctly, one looking to create a tablet based on Wehling, look to a reference that counsels buccal delivery? Wehling's complete disclosure is directed to getting the active out of the mouth, without being tasted, as quickly as possible. That means, as noted above, prevent the active from coming in contact with the internal surfaces of the mouth for any extended length of time. this by disintegrating rapidly so the tablet can be swallowed, even without water to wash it down. It does this by ensuring that the solution or suspension of the active that is created can be rapidly swallowed.

Why would McCarty be combinable with Wehling as McCarty teaches that the active should not be swallowed at all — that it should be retained in the mouth for as long as it takes to get the active across the oral mucosa? That would necessitate the complete abandonment of the entire purpose of Wehling and no rational view of obviousness would require that. (See M.P.E.P. § 2143.001 ("proposed modification cannot render the prior art unsatisfactory for its intended purpose or change the principle of operation of a reference.") And why would Wehling look to deliver fentanyl, a drug which, at least commercially and based on McCarty and Streisand 1995, does not appear to be a good route of administration? candidate for a traditional oral Indeed, the fact that fentanyl is mentioned in McCarty for to the buccal administration might also suggest fentanyl is not a bad tasting drug — one in need of Wehling's special and unique approach to taste masking.

Moreover, looking at the totality of McCarty, as the Patent Office is charged with doing, one cannot avoid its teaching that accomplish its goal of buccal administration, formulate with 90% or more of a limited number of highly water In fact, in the examples, the lowest amount soluble excipients. of these excipients, sugars all, is greater than 96%. There can be no disputing the role of the sugar in McCarty as the only other required ingredients are a small amount of lubricant and the active.

Yet, according to the claimed invention, there must be at least 20% by weight of the effervescent agent, and in newly added claims 106-110, at least 30%. One simply cannot amend Wehling by combination with McCarty in a way which permits the To do so would destroy both Wehling's present invention. objective of taste masking and McCarty's teaching of the need for at least 90% of a critical ingredient. Not only does this

underscore the objective rationale for the lack of an combination, it also illustrates that the combination, even if possible, could not produce the present invention.

And even if this combination was proper, which for the reasons discussed above is not the case, it would not resolve all of the deficiencies of Wehling. There is no teaching of the enough effervescent agent to promote transmucosal And then there is the matter of the pH adjusting absorption. substance.

Streisand 1995 is cited for its teaching that fentanyl penetration from a solution across a membrane is made better by This is no surprise as Streisand 1995 merely basic conditions. confirms the Henderson-Hasselbach (H-H) effect that's disclosed in the present application (starting at page 5 line 27), and provides an invitation to conduct further experiments.

And, of course, many of the same issues which plague the proposed combination of Wehling and McCarty apply combination with Streisand 1995 as well. The only way that the Streisand 1995 observation of the membrane behavior of fentanyl under basic conditions is relevant is if one were to ignore the very purpose of Wehling, namely taste masking. As was the case with McCarty, Streisand 1995 does nothing to explain why Wehling would or should abandon its objective of taste masking a drug to be swallowed or why one would look to Wehling for delivery of fentanyl in a way that precludes swallowing.

Even if one were going to ignore these problems with the combination, Streisand 1995 is a very unlikely candidate. Streisand 1995 is not only incompatible because it requires that the active remain in the mouth, but also because it is a liquid. Wehling requires an effervescent agent and that is not possible in a liquid.

The importance of this latter point can not be emphasized Wehling notes that their "water activated materials must be kept in a generally anhydrous state . . . since exposure

disintegrate the tablet." to water will prematurely (WO 91/04757, at 11 11.34-37) These statements were made in describing the effervescent agents. One would not reasonably look to Streisand 1995 at all. Moreover, the teaching of Streisand 1995 is not, as the Patent Office posits, that a base will help the transmission of fentanyl, it is that a higher pH, in a solution including fentanyl, a solution which a base, impossible, effervescent agent transmission of fentanyl when that solution is left in contact with the membrane for about an hour. "Might" because Streisand 1995 questions the practical significance of their work: "Can the results of our study be related to clinical practice?" last col.) In other words, there's nothing in Streisand 1995 to suggest that the results can be translated into a practical effect and certainly there's nothing to suggest combining its teachings with the use of an effervescent couple as taught by the present invention.

And none of the references teach the use of sufficient disintegrant and/or sufficient effervescent material to increase transmission of the active across the oral mucosa. The primary reference Wehling does not want such transmission and secondary and tertiary references McCarty and Streisand, teach nothing about the use of effervescents at all.

With all due respect, Streisand 1995 and McCarty bring into sharp relief the real basis of the rejection — an impermissible hindsight reconstruction of the invention using Applicant's invention as a map or shopping list. There is no reason to combine the references other than the fact that superficially discloses the possibility of a number of claimed elements, and the others contain the missing elements. The fact that these references could not be combined without ignoring the very objective of the primary reference, and that the combination would be impossible without either ignoring the critical amount of sugar in one teaching and the use of a liquid in the other is proof of Applicants' position.

McCarty in View of Wehling

McCarty in view of Wehling, the original primary rejection, McCarty is missing almost everything claimed. is no better. Applicants have noted the deficiencies of McCarty before. table at page 8 of the Amendment of September 12, 2007. is no teaching of an effervescent agent at all, let alone an amount which is sufficient to aid in transmucosal delivery. There is no teaching of a pH adjusting substance, let alone a There is no teaching of a non-effervescent disintegration agent other than very specific sugars. Indeed, as to latter, McCarty actually notes that other buccal formulations were possible using disintegrants, but very pointedly declined to use them. (See McCarty col.1 ll.51 et seq.) In short, about all that McCarty teaches is that some drugs, including fentanyl, can be administered buccally.

Accordingly, McCarty provides almost no teaching relevant to the present invention. The Patent Office, however, takes a position that a person of ordinary skill in the art would look to Wehling and other references potentially to modify those Why? Where is the objective teaching, suggestion, teachings. motivation or other reason apparent from the art or otherwise for looking beyond the express teachings of McCarty? KSR did not eliminate the need for some objectively reasonable basis for the combination.

The TSM test, flexibly applied, merely assures that the proceeds test the on basis obviousness evidence — teachings, suggestions (a tellingly broad term), or motivations (an equally broad term) of the time invention arise before as the statute As KSR requires, those teachings, suggestions, or motivations need not always be written references but

¹ All of Applicants' prior arguments in the Amendment of September 12, 2007, are incorporated by reference.

knowledge and creativity of may be found within the ordinarily skilled artisans.

Inc. v. Mylan Labs. Inc., 86 U.S.P.Q.2d Ortho-McNeil Pharma. 1196, 1202 (Fed. Cir. 2008).

McCarty suggests that it is successful. So why would one look change it? And if one wanted to improve to performance, why would McCarty suppose that effervescent agents would do the trick; not just effervescent agents — but an amount of effervescent agent (20% or more) making it impossible to meet its own pivotal requirement for the use of 90% or more of specified sugars? The combination of McCarty in view of Wehling proposed by the Patent Office, therefore, destroys the only instrumentality recognized in the primary reference of achieving buccal administration — the amount of sugar used.

lest one forget, McCarty is designed to avoiding Wehling is a tablet that is designed to provide swallowing. Indeed, that taste masking and promote swallowing. central tenet. It seeks to prevent the very thing essential in McCarty, namely retention in the mouth. In fact, in preferred embodiments, Wehling actually teaches coating the active for taste masking purposes affirmatively preventing its dissolution in the mouth. There is no reason apparent from either Wehling from McCarty or, for that matter, from anything else of record, as to why one would seek to combine these references.

This is not a likely combination. This is not a probable This is not a reasonable combination. combination. This is not a possible combination. Thus, the rejection is not proper.

Again, it is clear that the Patent Office has engaged in an impermissible hindsight reconstruction of the invention. principle reference, McCarty, knew about the possibility of using conventional disintegrants in buccal tablets. Yet it chose not to do so, going instead for the highly unusual approach of including between 90 and 99% of a rapidly dissolvable sugar. McCarty also differentiated buccal administration from tablets designed to be swallowed. Yet, for reasons that are not apparent from the record, one of ordinary skill in the art would: (1) ignore both of these facts and seek conventional, of disintegrants, both the use effervescent; (2) do so — not from a teaching relative another buccal tablet, but from a tablet designed swallowed; and (3) do so in amounts which can not possibly be reconciled with the critical feature of the primary reference, Clearly the Patent Office has the amount of sugar required. than find the necessary elements nothing more discrete, and distinct, references in the overall pharmaceutical And, for no apparent reason of record, suggested industry. their combination. That is impermissible hindsight.

Streisand 1995 is no more of a help in this rejection than Streisand 1995 is a liquid formulation. McCarty teaches a solid formulation produced from over 90% of a highly water soluble excipient. Those two formulations clearly cannot co-exist. And Wehling teaches the use of an effervescent agent. It also teaches that an effervescent agent must remain Obviously, when wet, the effervescent agents evolve anhydrous. gas and are consumed. Yet, in an effort to find the myriad of missing elements of the principle reference, the Patent Office ignores these teachings, and the lack of a reason to look at a liquid and swallowable formulations.

combination with Streisand 1995 is Indeed, the contraindicated by its teaching. Ignoring that it is a liquid, and that it is honest enough to admit that it is unsure if its teachings have any applicability at all, Streisand suggestion of improved results using a base must be contrasted with the fact that those results came from exposure solution over a large surface area for about an hour. McCarty seeks absorption in about 5 minutes or less. (Col.2 If McCarty was looking for "improved" performance, 11.51-53.) Streisand 1995 might be the last place to look!

Streisand, Anesthesiology (1991) in View of Streisand et al., Anesthesiology (1995) and further in View of Wehling

transmucosal fentanyl Streisand 1991 teaches oral an which consists of a dosage form lozenge handle - like a lollipop. It is made by dissolving fentanyl citrate in a sucrose solution that is poured into a mold and Upon administration, a portion allowed to harden. fentanyl diffuses across the oral mucosa and the The remaining Streisand reference (Streisand 1995) swallowed. and Wehling have been previously discussed.

With all due respect, this rejection is even more tenuous than the rejection predicated on McCarty as the principle of reference. Like McCarty, the disclosure the oral transmucosal dosage form of Streisand 1991 is of fentanyl and a is no discussion of like McCarty, there Also effervescent material, let alone enough effervescent material to is no disclosure of improve absorption. And there disintegration of the delivery form, the lozenge, since such antithetical to such dissolving delivery. disintegration is There is no discussion of a pH adjusting substance, let alone a And there is no discussion in the official action or in references as to how such a combination could the Streisand 1991 talks of buccal administration over a period of 15 minutes, whereas Streisand 1995 discusses an (Streisand 1995, at 760 exposure of an hour. col.2 And how exactly would one combine an effervescent material into a "sucrose solution." (Streisand 1991, at 223.) without consuming the effervescent agent? Is there any evidence that an effervescent agent, uniformly distributed in a lozenge and released slowly as the lozenge melts in the patient's mouth over 15 minutes would be of any value whatsoever? Or that a pH adjusting substance, when administered in this fashion, would have the desired result? The answer to all of these questions is no.

There is nothing of record to suggest that this combination is possible and for the very significant, technical reasons discussed above, one would expect that such combinations could not be accomplished. And why, in view of the beneficial results of Streisand 1991 would one seek to combine it with Wehling in the first place? According to Streisand 1991, a lozenge with a solution stick provided superior results to a Why would one look to a tablet which is designed to be swallowed — which is designed to taste mask and minimize exposure in the mouth — for combination with Streisand 1991 whose residence time is 15 minutes and whose results were better than a swallowed liquid dosage form provided? There are simply no reasons of record to make the proposed combination other than is in hindsight as discussed above. There no reasonable expectation of success. Indeed, there was every reason to believe that the physical combination is not possible.

Applicants respectfully submit that the Patent Office's cause is further set back, not advanced, by this proposed rejection.

Norling in view of Wehling

Claims have also been rejected pursuant to 35 U.S.C. § 103 over Norling et al., U.S. Patent No. 5,958,458 ("Norling") in Again, Applicants respectfully traverse. view of Wehling. Wehling appear to teach transmucosal Neither Norling nor Indeed, both teach a swallowable dosage form. That alone sufficiently undermines the rejection to render it However, Norling further retreats from the presently claimed invention. Norling describes coated cores. One central purpose of the design of Norling was to produce sufficiently rugged enough to withstand the coating process. In this way, Norling and Wehling are completely consistent and distinct from the present invention. Wehling too teaches, as a preferred embodiment, the formation of microparticles which are coated. Yet there is little that Applicants can think of which so undermines the possibility of transmucosal delivery than a coated active. Coatings, be they for altering the release of the active or for taste masking as in the case of Wehling, will delay or even prevent dissolution of the active ingredient contained within. They will, in short, delay or prevent transmucosal administration.

Moreover, even if one were to combine the effervescent material disclosed in accordance with Wehling, the teaching of the combination would be that sufficient effervescent material be provided to assist in the rapid disintegration of the dosage form in the mouth so it could be swallowed — not to assist in the transmucosal administration of the coated active of Norling. Applicants respectfully submit that this rejection is even less relevant than the ones that have been discussed previously.

Chen et al. Chinese Pharmaceutials, 1997, 28(3), 129-31, in View of Wehling

Finally, claims have been rejected pursuant to 35 U.S.C. § 103 over Chen et al. in view of Wehling and further in view of For the reasons previously discussed Streisand 1995. Applicants' Amendment Accompanying RCE filed September 12, 2007, the complete arguments of which, including but not limited to combination relating to the with Chen, are if fully set forth incorporated by reference as Applicants respectfully traverse. The Chen reference suffers from many of the deficiencies previously noted. It does not teach the use of an effervescent agent, let alone a sufficient amount to assist in transmucosal administration. It does not teach the use of a pH adjusting substance and specifically a Indeed, Chen includes a good deal of Carbopol in all of its formulations and acknowledges that Carbopol is an "acidic substrate" and is thus contrary to the requirements of Furthermore, Chen does not disclose that any instant claims. disintegration agent, effervescent or otherwise, should be used (although three compositions included corn starch, there is no indication why it was used and the preferred composition does not include any).

And for the reasons previously discussed, there is no reason on this record to combine these references (*Chen* and *Wehling*), nor would the combination teach all of the claimed elements; namely, the use of a pH adjusting substance, and an amount of effervescent agent sufficient to assist in transmucosal administration.

Unexpected Results

Finally, Applicants wish to remind the Patent Office of a declaration of Dr. Vikas Agarwal, a Group Leader for Applicants, accompanying the Amendment and Response to official action of data therein showed that the claimed April 19, 2006. The combination of an effervescent agent and a pH substance in an otherwise identical formulation was superior to the use of either a pH adjusting substance or an effervescent agent alone. Compositions falling within the scope of claims resulted in significantly superior performance. permeability values obtained were more than 400% greater than the next closest formulation using only one of the two required components.

Nothing of record teaches the types of advantages which could inure from the use of both a pH adjusting substance and an effervescent agent in terms of transmucosal permeability. note that the formulations tested included a combination in an otherwise identical formulation that included magnesium starch stearate, mannitol, and sodium glycolate. formulation is the subject of other pending applications already identified in this case, including, inter alia, U.S. Patent Nos. 11/026,132, 11/027,353 and However, the remainder of the formulation should not be relevant to the questions involved in this case, namely the discovery

that the combination of a pH adjusting substance and effervescent agent is superior to the use of either alone in an otherwise identical formulation.

Double Patenting

Finally, Applicants note various provisional obviousness type double patenting rejections including over claims 1-30 of application nos. 11/026,132, 11/027,353, and co-pending These are provisional rejections. When allowable subject matter is found in this case, as Applicants respectfully submit should happen, Applicants will consider the status of the identified applications. If appropriate, argument as to why the presently claimed invention is unobvious over claims of those applications (more correctly any patent previously issuing therefrom) and/or a terminal disclaimer will be considered as appropriate at that time.

As it is believed that all of the rejections set forth in official been fully met, favorable the action have reconsideration and allowance are earnestly solicited.

If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he/she telephone Applicants' attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

Dated: May 23, 2008

Respectfully submitted,

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